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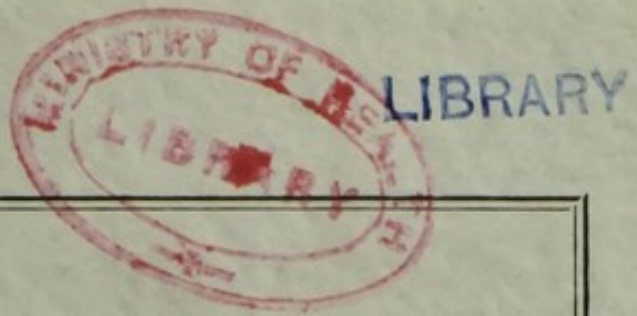
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**CLACTON URBAN DISTRICT
COUNCIL**

ANNUAL REPORT

of the

*Medical Officer of
Health*

FOR 1938

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CLACTON-ON-SEA



CLACTON URBAN DISTRICT COUNCIL.

THE CHAIRMAN AND MEMBERS OF THE CLACTON URBAN DISTRICT COUNCIL.

Ladies and Gentlemen,

I have the honour of presenting my nineteenth Annual Report on the health and sanitary conditions of the District during 1938.

STATISTICS.—The estimated mid-year population for 1938 supplied by the Registrar-General is 23,410 and the various statistics are calculated on the basis of this figure.

The Birth-Rate is 9.9 per 1,000 of the population, the same as last year.

The Crude Death-Rate is 11.4 per 1,000, which is about the usual for Clacton. On making allowance for age and sex distribution of population the Rate is reduced to 9.5, which compares very favourably with that of other towns and the country as a whole.

The incidence of the principal infectious diseases has been low and no circumstances specially prejudicial to health has come to notice.

HOUSING.—As a result of the recent housing legislation a considerable improvement in the housing of the people has taken place. Overcrowding has been abated and most of the unfit houses in the town have been demolished.

MATERNITY AND CHILD WELFARE.—The extension of the boundaries of the town and the consequent increase in the number of births have greatly increased the amount of work carried out at the Welfare Centre. In fact with the present premises and staff it is becoming increasingly difficult to cope with the numbers which attend every week.

PORT SANITATION.—The shipping during the year consisted of pleasure steamers in the summer months; 4 being coastwise steamers and 1 sailing to the continent. These carried 326,102 inward passengers and 300,014 outward.

There was no Infectious Disease and no action under the Port Sanitary Regulations was required.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres)	6,470
Resident Population (Registrar-General's estimate) 1938	23,410
Number of Inhabited Houses, end of 1938	8,999
Rateable Value	£278,222
Sum represented by a penny rate	£1,064

GENERAL STATISTICS.

Live Births :—	<i>Total.</i>	<i>Male.</i>	<i>Female</i>
Legitimate	221	116	105
Illegitimate	11	7	4
Birth-Rate per 1,000 population	9.9		
Stillbirths	9	4	5
Rate per 1,000 total births	37.3		
Deaths	267	139	128
Death-Rate per 1,000 population	11.4		
Puerperal Deaths .. Nil.	Rate per 1,000 Births ..		—
(1) Puerperal Sepsis			—
(2) Other Puerperal Causes			—
Total			Nil
Death-Rate of Infants under one year of age :—			
All Infants per 1,000 live births			58
Legitimate Infants per 1,000 legitimate live births			58.8
Illegitimate Infants per 1,000 illegitimate live births			91
Deaths from Cancer (all ages)			49
Deaths from Measles (all ages)			—
Deaths from Whooping Cough (all ages)			—
Deaths from Diarrhoea (under 2 years)			—
Cancer Death-Rate			2.0
Pulmonary Tuberculosis Death-Rate .. .. .			.17
Other Tuberculosis Death-Rate .. .. .			.04

TABLE OF THE CAUSES OF DEATH
(Registrar-General).

									<i>Male</i>	<i>Female</i>
Diphtheria	..	..	..	..	..	..	..	..	1	1
Influenza	..	..	..	..	..	..	..	..	2	1
Pulmonary Tuberculosis	..	..	..	..	..	..	..	..	4	—
Other Tuberculosis	..	..	..	..	..	..	..	..	1	—
General Paralysis	..	..	..	..	..	..	..	..	2	1
Cancer	..	..	..	..	..	..	..	..	20	29
Peptic Ulcer	..	..	..	..	..	..	..	..	3	2
Appendicitis	..	..	..	..	..	..	..	..	1	2
Other Digestive Diseases	..	..	..	..	..	..	..	..	5	6
Nephritis	..	..	..	..	..	..	..	..	2	3
Congenital Debility and Premature Birth	..	..	..	..	..	..	..	..	5	2
Senility	..	..	..	..	..	..	..	..	2	3
Diabetes	..	..	..	..	..	..	..	..	1	6
Cerebral Haemorrhage	..	..	..	..	..	..	..	..	1	5
Heart Disease	..	..	..	..	..	..	..	..	57	33
Aneurysm	..	..	..	..	..	..	..	..	1	—
Other Circulatory Diseases	..	..	..	..	..	..	..	..	5	10
Bronchitis	..	..	..	..	..	..	..	..	1	—
Pneumonia	..	..	..	..	..	..	..	..	7	7
Suicide	..	..	..	..	..	..	..	..	—	2
Other Violence	..	..	..	..	..	..	..	..	5	4
Other Defined Diseases	..	..	..	..	..	..	..	..	12	10
Ill-defined or Unknown Diseases	..	..	..	..	..	..	..	..	1	1
									<hr/> 139	<hr/> 128

AGES AT DEATH FROM ALL CAUSES
(Local Registrar).

Under 1 year	..	..	..	..	..	..	..	..	13
1 and under 2 years	..	..	..	..	..	..	..	..	—
2 and under 5 years	..	..	..	..	..	..	..	..	2
5 and under 15 years	..	..	..	..	..	..	..	..	6
15 and under 25 years	..	..	..	..	..	..	..	..	4
25 and under 45 years	..	..	..	..	..	..	..	..	15
45 and under 65 years	..	..	..	..	..	..	..	..	68
65 years and upwards	..	..	..	..	..	..	..	..	157
Total	..	..	..	..	..	..	..	..	<hr/>265

Vital Statistics of the whole District during 1938 and previous years in
THE URBAN DISTRICT OF CLACTON.

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths registered in the District.		Transferable Deaths		Net Deaths belonging to the District.		
		Uncor- rected Number	Net.	Number	Rate.	Out- ward Trans- fers.	In- ward Trans- fers.	Under 1 year of age.	At all ages.	Rate.
								Number	Number	Births. per 1,000
1	2	3	4	5	7	8	9	10	11	13
1928	15280	139	148	9.7	8.2	17	32	4	27.0	139
1929	15510	177	178	11.4	11.5	20	31	5	28.1	176
1930	15510	162	161	10.4	9.9	34	35	6	37.2	173
1931	14990	186	184	12.3	11.4	20	48	9	49.0	189
1932	15770	170	174	10.4	10.4	26	42	9	51.7	176
1933	16350	167	160	9.8	11.0	33	34	8	50.0	182
1934	19130	211	209	10.8	10.6	30	41	6	28.7	217
1935	21030	249	241	11.4	10.7	24	43	13	53.9	249
1936	22500	243	250	11.1	11.3	39	54	16	64.0	257
1937	23420	264	232	9.9	12.1	53	45	9	38.8	264
1938	23410	256	232	9.9	10.5	37	56	14	58.0	267
										11.4

COMPARATIVE STATISTICS, 1938.

	Birth-Rate per 1,000 Population		Death-Rate per 1,000 Population	Deaths under 1 year per 1,000 Births
	Live Births	Still Births		
England and Wales ..	15.1	.60	11.6	53
126 Great Towns ..	15.0	.65	11.7	57
148 Small Towns ..	15.4	.60	11.0	51
London	13.4	.48	11.4	57
Clacton	9.9	.38	9.57	58

COMPARATIVE INFECTIOUS DISEASE DEATH-RATE.

	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea under 2 years
England and Wales	—	—	.04	.01	.03	.07	.11	5.5
126 Great Towns	—	—	.05	.01	.03	.07	.10	7.8
148 Small Towns	—	—	.03	.01	.02	.06	.11	3.6
London	—	—	.06	.01	.03	.05	.06	13.1
Clacton	—	—	—	—	—	.08	.12	—

INFANTILE MORTALITY.

	1 day	1 wk.	2 wks.	3 wks.	1 mon.	3 mos.	6 mos.	9 mos.	1 yr.	1-2 yrs.	2-5 yrs.
Congenital Debility ..	—	—	—	—	—	—	—	—	—	—	—
Premature Birth ..	3	—	—	—	—	—	—	—	—	—	—
Broncho-Pneumonia ..	—	—	—	—	2	—	—	—	—	—	—
Other Diseases	—	—	—	2	1	2	—	1	—	—	—
Congenital Heart Disease	1	—	—	—	—	1	1	—	—	—	2
	4	—	—	2	3	3	1	1	—	—	2

STILL BIRTHS.

There were 9 still-births, 4 male and 5 female giving a rate of .38 compared with .60 for England and Wales.

GENERAL PROVISION OF HEALTH SERVICES.

I.—PUBLIC HEALTH OFFICERS.

Medical Officer of Health :

*W. A. MILNE, M.B., Ch.B., D.P.H.

Medical Officer of Ante-Natal Clinic :

*GWYNEDD HUGH-JONES, M.B., B.S., M.M.S.A.

Obstretic Consultant :

*F. R. STANSFIELD, M.D., F.R.C.S.

Orthopaedic Surgeon :

*B. WHITCHURCH HOWELL, F.R.C.S.

Dental Surgeon :

*D. LEWIS, L.D.S.

Sanitary Inspectors :

†G. H. SMITH, Cert. R.S.I., Meat Certif., etc.

†K. C. Benham, Cert., S.I.B., Meat Certif.

†A. W. SHADICK, C.R.S.I.

Clerk :

†E. H. NORFOLK.

Health Visitor.

†Miss M. Curtis (trained Nurse, C.M.B.).

School and Tuberculosis Nurse.

**MISS A. WALLACE, (Trained Nurse, C.M.B., H.V., Certificate).

Masseuse :

**MISS D. DAWSON, C.S.M.M.G.

District Nurse Midwives :

††THREE NURSES OF THE CLACTON DISTRICT NURSING ASSOCIATION.

Maternity Home.:

††Sister in Charge—MISS JUDGE (Trained Nurse, C.M.B.).

Clerk in Maternity and Child Welfare Department.:

†MISS N. BRIGGS.

*Part time Officers.

†Full time Officers of the Clacton Council.

††Officers of the Clacton District Nursing Association.

**Officers of the Essex County Council.

The Medical Officer of Health is also Medical Officer of Health of Frinton and Walton and Assistant County Medical Officer under the Essex County Council.

Miss Briggs also acts as Ultra-Violet Ray operator under a certificate from the Great Northern Hospital.

Dr. O'Loughlin the Obstetric Consultant resigned during the year and his place has been taken by Dr. E. F. Stansfield, of Ipswich.

II—NURSING AND OTHER SERVICES.

There has been no important change during the year in the various Nursing and Hospital services or in the works connected with Maternity and Child Welfare.

There are 4 District Nurse Midwives and 3 independent midwives on the register; there are also 3 Registered Nursing Homes.

Owing to the increased demand by expectant mothers for institutional treatment during confinement, the District Nursing Association have under consideration the question of increasing their accommodation from two beds to five. It is intended to provide this in the building adjoining the Welfare Centre and it is hoped to have it ready by the autumn of 1939.

INFECTIOUS DISEASE 1938.

Disease.	Total Notified.	Admitted to Hospital.	Total Deaths.
Small-pox	—	—	—
Scarlet Fever	5	4	—
Diphtheria	10	10	2
Enteric Fever	—	—	—
Puerperal Pyrexia	—	—	—
Pneumonia	1	—	14
Erysipelas	1	1	—
Chicken Pox	101	—	—
Poliomyelitis	2	2	—

NOTIFICATIONS DURING 1938.

	Scarlet Fever	Diphtheria	Enteric Fever	Pneumonia	Chicken-Pox	Erysipelas	Puerperal Pyrexia	Poliomyelitis
1st Quarter ..	3	—	—	—	78	—	—	—
2nd Quarter ..	—	3	—	—	3	—	—	—
3rd Quarter ..	2	3	—	1	2	—	—	2
4th Quarter ..	—	4	—	—	18	1	—	—
Totals ..	5	10	—	1	101	1	—	2

ANLYSIS OF INFECTIOUS DISEASE 1938—Ages at Notification.

	Under 1 Year	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 and over
Scarlet Fever ..	—	—	—	1	—	—	3	1	—	—	—	—
Diphtheria ..	—	—	1	1	—	1	5	1	—	—	1	—
Erysipelas ..	—	—	—	—	—	—	—	—	—	—	—	—
Chicken-pox ..	—	1	6	6	7	54	21	1	4	1	—	—
Poliomyelitis ..	—	—	—	—	—	—	1	—	1	—	—	—
Totals ..	—	1	7	8	7	55	30	3	5	1	1	—

ISOLATION HOSPITAL, 1938.

	Ad- mitted	Result.			Scarlet Fever	Diphtheria	Poliomyelitis	Erysipelas	Other Diseases
		Died	Cured	Remaining in Hospital					
1st Quarter ..	2	—	2	—	2	—	—	—	—
2nd Quarter ..	3	—	3	—	—	3	—	—	—
3rd Quarter ..	9	—	7	—	2	3	2	—	2
4th Quarter ..	6	1	5	—	—	4	—	1	1
Totals ..	20	1	17	—	4	10	2	1	3

Total number of bed days	644
Average stay in Hospital for all diseases	32.2 days
Average stay in Hospital for Scarlet Fever	34 „
Average stay in Hospital for Diphtheria	38.6 „

TUBERCULOSIS.—NEW CASES AND MORTALITY DURING 1938.

Age Periods.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	1	—	—	—	1	—
15	—	1	—	—	1	—	—	—
25	2	1	—	—	—	—	—	—
35	2	—	—	—	2	—	—	—
45	2	—	—	—	1	—	—	—
55	1	—	—	—	—	—	—	—
65 and upwards ..	—	—	—	—	—	—	—	—
Totals ..	7	2	1	—	4	—	1	—

TUBERCULOSIS.

The total number of cases of Tuberculosis of all forms on the register at the end of 1938 was :—

A.—Pulmonary Tuberculosis :

(1) Male	23
(2) Female	22

B.—Non-Pulmonary Tuberculosis :

(1) Male	3
(2) Female	5

Total	53
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Only 10 new cases of tuberculosis were placed on the register during 1938 compared with 23 in 1937. Three of these were transfers from other districts. Of the 10 cases notified 4 subsequently left the district. Five cases had treatment in Sanatorium and there were no deaths among the notified cases. No action was required under the Tuberculosis Regulations 1925 or under Sec. 172 of the Public Health Act 1936.

INFECTIOUS DISEASE.

With the exception of Chicken-pox, of which disease a large number of cases were notified during the first quarter of the year, the incidence of Infectious Disease during 1938 was again very low. Scarlet Fever was responsible for only 5 cases and Diphtheria for 10. There were no cases of Enteric Fever or Puerperal Pyrexia. Two cases of Poliomyelitis were notified and sent to Hospital. All the cases of Diphtheria were sent to Hospital and 4 of the Scarlet Fever cases. The laboratory arrangements for the examination of pathological specimens continued as in previous years and the following return shows the number of specimens sent from Clacton by general practitioners and the Public Health Department :—

<i>Specimen.</i>	<i>Number examined.</i>
Diphtheria	21
Sputa	30
Typhoid	16
Ringworm	1
General	15
Milk	49
Water	10
Total	142

PREVENTION OF BLINDNESS.

Cases arising under this heading are referred as before to the County Oculist who attends monthly at the Welfare Centre.

SANITARY CIRCUMSTANCES OF THE AREA.

(1) **Water Supply.**—The total quantity of water supplied during the year was 293,550,000 gallons, an increase of 12.2 per cent. over the previous year. The water was obtained from the following sources of supply :—

	Gallons
Tendring Hundred Waterworks Co.	178,048,000
Great Bentley Pumping Station	101,587,000
St. Osyth Pumping Station	13,915,000
	293,550,000

The water was maintained constantly at full pressure to every part of the district throughout the whole year, and no restrictions of any kind were enforced on the use of water. Twenty-four samples were taken during the year for Bacteriological examination, twelve at the sources of supply and twelve from taps in houses in different parts of the town. In all cases the water was found to be pure and wholesome and sufficient for a public supply. The average daily consumption per head of the population is 33.5 gallons.

(2) **Sewerage and Drainage.**—The following report as regards the position during 1938 is supplied by the Surveyor :—

During the year 4.1/3 miles of sewers were laid within the urban district.

The private street works contract which includes the surface water sewerage and the completion of the foul sewerage of roads in the eastern portion of Holland-on-Sea was commenced in August and sewers have been laid in Nottingham Road, Manchester Road, Primrose Road, Ingarfield Road, Edison Road, Fernwood Avenue, Brighton Road, Bournemouth Road, Hereford Road, The Chase, Beach Road and King's Parade. The total length of private street sewerage inclusive of a short length in Beaumont Avenue is approximately three miles.

Private estate developers were responsible for laying 1/3 mile of sewers in Lake Avenue, Clarendon Park, Mountview Road and Ferguson Road.

This year saw the practical completion of two large flood relief sewer schemes which are complementary, viz :

- (a) The Cambridge Road sewer which connects the sewers in Old Road near Magdalen Green to a point on the Holland Road sewer near Clarendon Park, the pipe line being 21" diameter increasing to 39" diameter ; and
- (b) The overflow sewer 51" diameter from Holland Road across the Eastcliff Estate to near the site of the old east outfall.

Two new sea outfalls have been constructed, 30" and 36" diameter, to discharge the storm water and an automatic raking screen is installed in a chamber at the foot of the cliffs to remove out any floating or solid matter carried down with the storm water. The old outfall sewer is being demolished. The length of pipe line laid in the above schemes during 1938 together with a short length of public sewer laid in Holland Road total over one mile.

A commencement has been made with the construction of settlement and sludge digestion tanks, etc., at the Holland Haven Sewer Outfall, and the Ministry of Health has given provisional consent to the Western and the Northern Drainage Schemes. In both schemes, however, sections of the work where there is less development and the cost per house of providing main drainage is high in comparison, have to be deferred. It is expected that the Western Drainage Scheme will be commenced in the early part of 1939 and the Northern Scheme a little later in the year.

(3) **Closest Accommodation, etc.**

Number of Privies in Clacton	..	..	..	..	..	..	Ni
„ „ Pail Closets	..	..	..	..	..	..	1118
„ „ Cesspools	..	..	..	..	..	..	519
„ „ Wells	..	..	..	..	..	..	26
„ „ Houses with Cesspools and Wells	..	..	..	..	..	..	35

(4) **Conversions.**

Number of Pail Closets converted	..	..	..	..	..	2
„ „ Cesspools closed	..	..	..	..	..	40
„ „ Connections to Sewer	..	..	..	..	..	41

(5) **Swimming Baths.**

There are two open air swimming baths in Clacton, one on the Pier and another recently opened in Butlin's Camp. One sample taken from each during the summer

was found to be satisfactory. Application is being made to the Ministry with reference to the provision of bye-laws for the control of swimming baths.

(6) **Schools.**

The sanitary condition and water supply of the schools continues to be satisfactory.

(7) **Eradication of Bed Bugs.**

(a) Number of Council Houses inspected	3
" " Council Houses disinfested	3
" " other houses inspected	22
" " other houses disinfested	14
" " other houses disinfested by Private Contractor (Hydrogen Cyanide)	3
" " other houses disinfested by Private Contractor (Insecticides, etc.)	5
Total Houses disinfested	25

(b) **Methods employed :—**

Stripping of skirtings, etc., where necessary, spraying with "Malsek" Insecticide made by Thos. Clough Ltd., fumigation with sulphur candles made by Killgerm Co., and block disinfestators made by Lawes Chemical Co. Steam disinfection of bedding.

(c) No action has been required so far in respect of removal of tenants to Council Houses.

(d) The work has been carried out by the Local Authority and Private contractors. (See above).

(8) **Camping Sites.**

1. Number of sites in the Area used during 1938	18
2. Number of sites in respect of which licenses have been issued under Sec. 269 of Public Health Act 1936	15
3. Estimated maximum number of campers resident in the area at one time during the summer season 1938	2,000

HOUSING.

I.—Inspection of Dwelling-houses during the year :—

(1) (a) Total number of dwelling-houses inspected for housing defects under Public Health and Housing Acts	724
(b) Number of inspections made for the purpose	2005
(2) (a) Number of dwelling-houses (included in (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932	86
(b) Number of inspections made for the purpose	399
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling-houses (exclusive of those under (3)) found not to be in all respects fit for habitation	186

II.—Remedy of Defects without Service of Formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	97
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III.—Action under Statutory Powers :—

(a) Proceedings under Housing Act 1936, Secs. 9, 10 and 16 :		
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	Nil	
(2) Number of dwelling-houses rendered fit after service of formal notices :		
(a) By Owners	Nil	
(b) By Local Authority in default of owners	Nil	
(b) Proceedings under Public Health Acts :		
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	2	
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :		
(a) By Owners	2	
(b) By Local Authority in default of owners	Nil	
(c) Proceedings under Housing Act 1936, Secs. 11 and 13 :		
(1) Number of dwelling-houses in respect of which Demolition Orders were made	Nil	
(2) Number of dwelling-houses demolished	2	
(d) Proceedings under Housing Act 1936, Sec. 12 :		
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil	
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil	
IV.—Housing Act 1936, Part IV.—Overcrowding :		
(a) (1) Number of dwellings overcrowded at end of year	4	
(2) Number of families dwelling therein	4	
(3) Number of persons dwelling therein	29	
(b) Number of new cases of overcrowding reported during the year ..	2	
(c) (1) Number of cases of overcrowding relieved during the year ..	2	
(2) Number of persons concerned in such cases	9	
(d) Dwelling-houses which have again become overcrowded after abatement	Nil	
NEW HOUSES ERECTED DURING 1938.		
(1) With State Assistance	—	
(2) Without State Assistance	182	
Total	182	

WORK OF THE SANITARY DEPARTMENT.

The following is a synopsis of the principal work carried out by the Sanitary Department during the past year :—

Sanitary Administration.

Special Visits	2085
Special Visits re Nuisances	638
Re-inspections Ordinary	882
Re-inspections Housing	399
Interviews with Owners, Builders, etc.	220
Piggeries inspected	35
Stables inspected	52
Smoke Observations	23
Cinemas Inspected	5
Celluloid Regulations inspections	5
Tents, Vans, Sheds, etc., inspections	91
Preliminary Notices served	251
Statutory Notices served	8

Letters to Owners re Nuisances	115
Premises at which Nuisances abated : General	384
Premises at which Nuisances abated : Housing	97
Improvements following Preliminary Notices	515
Improvements following Statutory Notices	11
Improvements without Notices	415

The following were the principal improvements obtained :—

Firegrates repaired or provided	4
Ranges repaired or provided	4
Chimneys repaired	5
Coppers provided	3
Coppers repaired	3
Roofs repaired	38
Floors repaired	28
Sub floor ventilation provided	10
Permanent ventilation provided	11
Windows made to open	6
Other repairs to windows	9
Sashcords provided	2
Walls repaired	33
Brickwork repointed	18
Plasterwork repaired	17
Doors repaired	4
Handrails to stairways provided	16
Stairs repaired	6
Eaves gutters repaired or provided	8
Downspouts repaired or provided	12
Gullies provided	13
Gullies cleared or repaired	10
Sinks provided	12
Sink wastes provided	9
Sink wastes cleared or repaired	4
Baths provided	1
New W.C's. provided	6
Box seats removed	4
W.C. cisterns provided	13
W.C. cisterns repaired	4
W.C. basins provided	20
W.C. Basins cleansed	9
W.C. seats repaired or provided	5
Flush pipe joints remade	4
Other repairs to W.C.	14
Drains cleared or repaired	51
Drains laid	13
Inspection chambers provided	6
Inspection chambers repaired	4
Inspection chamber covers provided	7
Interceptors repaired	1
Stoppers fixed to cleansing eyes	15
Fresh Air Inlets provided	1
Repairs to fresh Air Inlets	13
Ventilation pipes provided	3
Repairs to ventilation pipes	3
Cesspools abolished	40
Cesspool overflow nuisances abated	3
Pail Closets abolished	3
Premises redrained	41
Premises connected to Public Sewer	41

Houses connected to water supply	9
Yards paved	6
Ashbins provided	203
Accumulations rubbish removed	42
Accumulations manure removed	7
Walls cleansed	16
Walls limewashed	21
Weeds cut down on plots or gardens	12
Other improvements	15
Total Improvements	941

RATS AND MICE (DESTRUCTION) ACT.

76 visits to premises.

Premises are visited upon complaint and all help possible is given to assist in the extermination of the vermin. At small property, baiting is done free of charge. During Rat Week, 90 letters were sent to occupiers of premises likely to be infested, large posters were exhibited, special notices put in the local Press, and the film "Your Enemy the Rat" was shown at two cinemas.

INFECTIOUS DISEASE.

10 cases of Diphtheria investigated.
5 cases of Scarlet Fever investigated.
2 cases of Poliomyelitis investigated.
1 case of Erysipelas investigated.
1 case of Chicken-Pox investigated.
3 cases of Other Diseases investigated.
76 rooms, bedding, etc., disinfected.
15 lots bedding steam disinfected.
1 lot of clothing steam disinfected.
1 lot bedding destroyed.
30 library books disinfected.
1 library book destroyed.

Milk and Dairies Orders.

Number of Cowkeepers on Register	12
Approximate number of Cows	223
Wholesale Producers on Register	8
Retail Purveyors on Register	32
Retail Purveyors of Tuberculin Tested Milk	3
Retail Purveyors of Pasteurised Milk	1
Retail Purveyors of Accredited Milk	3
Visits to Dairies	124
Visits to Cowsheds	82

Six samples of Tuberculin Tested, 1 sample of Tuberculin Tested (Certified), 1 sample of Pasteurised, and 11 samples of Accredited Milk were submitted to the Bacteriologist for examination.

Of these, 2 samples of Tuberculin Tested, and 7 samples of Accredited Milk failed to comply with prescribed conditions.

29 samples of Ordinary Milk were submitted to the Bacteriologist for examination as to general cleanliness and the presence or otherwise, of B.Coli.

Of these, 19 samples were unsatisfactory inasmuch as they gave positive B.Coli. results.

Speaking generally, apart from the seasonal rise in the bacteria count during the summer, indications point to greater care being taken by producers and retailers to supply the public with good clean milk.

Bakehouses.

Number of Power Factory Bakehouses on Register	..	..	..	11
Number of Non-power Factory Bakehouses on Register	..	..	..	5
Number of Domestic Bakehouses on Register	..	..	..	2
Total on Register	..	..	..	18
Visits to Bakehouses	..	..	..	35

Factory Act, 1937.

Number of Power Factories (excluding Bakehouses)	..	..	..	70
Number of Non-power Factories do.	..	..	..	87
Number of Inspections at Power Factories	..	..	..	28
Number of Inspections at Non-power Factories	..	..	..	50

Letters to Occupiers respecting the following matters :—

- 8 Limewashing.
- 4 W.C. basins dirty.
- 1 Ventilation required
- 1 Yard untidy.
- 1 Drain choked.
- 1 Flush pipe joint leaks.
- 1 W.C. seat unfixed.
- 1 Unpaved yard.

Notices to Occupiers respecting the following matters :—

- 3 Drains choked.
- 1 W.C. roof defective.
- 1 W.C. fittings defective.
- 1 W.C. walls dirty.
- 1 Inspection Chamber cover defective.
- 2 W.C. basins dirty.
- 1 W.C. floor dirty.
- 1 Gully choked.
- 2 Yards untidy.
- 1 Flush pipe joint leaks.

Other matters brought to the notice of the Occupiers :—

- 8 Limewashing.
- 3 W.C. basins dirty.
- 1 No sanitary accommodation.
- 1 Floor untidy.
- 1 Rag Flock not stored properly.

Water Analysis and Examination :—

Samples taken :—

- 3 from Pumping Stations.
- 12 from Town supply.
- 11 from Wells.
- 2 from Bathing Pools.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTIONS for purposes of provisions as to health Including
Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers prosecuted (4)
Factories with mechanical power ..	28	4	—
Factories without mechanical power..	50	3	—
Other Premises under the Act (in- cluding works of building and engi- neering construction but not in- cluding outworkers' premises) ..	2	—	—
Total ..	80	7	—

Particulars. (1)	Number of Defects.			Number of defects in respect of which Prose- cutions were instituted (5)
	Found. (2)	Remedied (3)	Referred to H.M. Inspector (4)	
Want of cleanliness (S. 1) ..	36	36	—	—
Overcrowding (S. 2) ..	—	—	—	—
Unreasonable temperature (S. 3)	—	—	—	—
Inadequate ventilation (S. 4) ..	1	1	—	—
Ineffective drainage of floors (S.6)	—	—	—	—
Sanitary Conveniences (S. 7) :				
Insufficient	1	—	—	—
Unsuitable or defective ..	6	6	—	—
Not separate for sexes ..	—	—	—	—
Other offences	2	2	—	—
(Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937). ..				
Total	46	45	—	—

Offensive Trades.

Number of Fish Friers on Register	20
Number of Fish Friers' Premises	22
Number of Rag and Bone Dealers on Register	5
Inspections at Fish Friers	115
Inspections at Rag and Bone Dealers	4

Shops Act, 1934.

42 Inspections have been made.

Many improvements in connection with sanitary accommodation and temperature have been obtained.

Owing to pressure of other work, it is not possible to give proper attention to this Branch of our work.

Hairdressers' and Barbers' (Byelaws).

52 Visits to Premises.

Generally speaking, premises and equipment are satisfactory.

The poorer type of premises give most trouble, and it has been necessary to issue several cautions, regarding dirty hair brushes, unswept floors, etc.

Ice Cream Registration.

16 Visits to Premises.

Improvement is still maintained in the storage and retailing of Ice Cream.

Few retailers make their own product as the multiple firms, in addition to supplying the ice cream in various wrapped sizes, provide well covered containers for the storage of same.

There has been no cause for complaint during the past season in respect of retailers, premises, or utensils.

Smoke Abatement.

23 Observations taken and 37 visits to premises.

At two laundries, extra boilers have been installed and in one case a chimney 60 feet high provided.

Frequent nuisance is caused during the season from the chimneys of hotels, restaurants, and small bakehouses.

Everything possible is done to keep the smoke down to a minimum by visiting offenders directly the nuisance is detected.

Rag Flock, Etc.

Premises stocking Rag Flock are visited from time to time to see that the flock is properly stored and all precautions taken to keep out extraneous dirt

No samples were submitted for Analysis.

INSPECTION OF FOOD AND MEAT.

Inspected at Butchers' Shops in addition to jointed meat, sausages, cooked meats :—

37 carcasses of beef and offal.
250 carcasses of pork and offal.
108 carcasses of mutton and offal.
10 carcasses of veal and offal.

Condemned as being unfit for food :—
2 cwt. Potatoes.

SHELL FISH.

- (1) Shell fish sold in the District : Oysters, whelks, cockles, periwinkles mussels.
- (2) Layings from which they come : Brightlingsea, Southend, Harwich, Cromer Whitstable, Boston, Grimsby, Wells-on-Sea, Kings Lynn, Colchester, London.
- (3) There are no beds or layings in the District.

MEAT AND FOOD INSPECTION. CARCASSES INSPECTED AND CONDEMNED.

	Cattle (excluding Cows)	Cows	Calves	Sheep and Lambs	Pigs
Number Killed	130	—	13	902	623
Number Inspected	130	—	13	902	623
All diseases except Tuberculosis whole carcasses condemned	—	—	—	—	2
Carcasses of which some part or organ was condemned	22	—	1	3	47
Percentage of number inspected affected with Disease other than Tuberculosis	16.9%	—	7.7%	.33%	7.8%
Tuberculosis only, whole carcasses condemned ..	—	—	—	—	—
Carcasses of which some part or organ was condemned	5	—	—	—	15
Percentage of number inspected affected with Tuberculosis	3.8%	—	—	—	2.4%

536 Visits were made to Slaughterhouses, in all.
422 Visits were made to Butchers' Shops, in all.

CLACTON URBAN DISTRICT COUNCIL.

CLEANSING SERVICE.

House and Trade Refuse Costs, etc.

Table showing costs for year ended 31st March, 1939.

Item	Particulars.	Collection.		Disposal.		Total.	
		Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges
REVENUE ACCOUNT							
A.	Gross Expenditure ..	2660 0 0	2418 0 0	1395 0 0	966 0 0	4055 0 0	3384 0 0
B.	Gross Income ..	335 0 0	335 0 0	282 0 0	282 0 0	617 0 0	617 0 0
C.	Nett Cost ..	2325 0 0	2083 0 0	1113 0 0	684 0 0	3438 0 0	2767 0 0
UNIT COSTS							
D.	Gross Expenditure per ton ..	8 2	7 5	4 2	2 11	12 4	10 4
E.	Gross Income per ton ..	1 0	1 0	10	10	1 10	1 10
F.	Nett Cost per ton ..	7 2	6 5	3 4	2 1	10 6	8 6
G.	Do. per 1,000 population ..	93 0 0	83 6 5	44 10 5	27 7 2	137 10 5	110 13 7
H.	Do. do. houses ..	258 6 8	231 8 10	123 13 4	76 0 0	382 0 0	307 8 10
RATE POUNDAGE							
J.	Nett Cost : Equivalent rate in the £ ..	2.19d.	1.96d.	1.05d.	.65d.	3.24d.	2.61d.
K.	Percentage of J. to total rates in the £ ..	1.5%	1.35%	.72%	.45%	2.22%	1.8%

HOUSE AND TRADE REFUSE.—Continued.

1.	Total collected in tons (a)	..	..	..	..	..	6512
	Total disposed in tons (b)	..	..	..	..	..	6658
2.	Population (basis for this record)	..	..	..	..	..	25,000
3.	Area	..	..	..	..	..	6807 acres
4.	Weight collected per 1,000 population per day in cwts.	..	..	..	..	..	14.27 cwts.
5.	Number of Houses or Premises	..	..	..	..	..	9,000
6.	Rateable Value	..	..	..	..	..	£279,061
7.	Product of a penny rate	..	..	..	..	..	£1,060
8.	Total rates in the £	..	..	..	..	..	12s. 2d.
9.	Weight of refuse collected per premises per day	..	..	..	..	..	4.44 lbs.
10.	Weight of refuse collected per premises per annum	..	..	..	..	..	14.47 cwts.
11.	Weight of refuse collected per person per annum	..	..	..	..	..	5.21 cwts.
12.	Nett cost of collection per house per annum	..	..	..	..	..	5s. 2d.
13.	Nett cost of collection per person per annum	..	..	..	..	..	1s. 10½d.
14.	Nett cost of collection and disposal per house per annum	..	..	..	..	..	8s. 6½d.
15.	Nett cost of collection and disposal per person per annum	..	..	..	..	..	3s. 0½d.
16.	Horse Vehicles (Collected)	..	..	..	..	..	283 tons
17.	Mechanical Vehicles (Collected)	..	..	..	..	..	6,229 tons
18.	Number of Vehicles :						
	5 Mechanical.—Per cent. refuse collected	..	..	..	..	..	95.7%
	1 Horse.—Per cent. refuse collected	..	..	..	..	..	4.3%
19.	Number of loads weighed	..	..	..	..	..	443
	Number of loads weighed (per cent.)	..	..	..	..	..	13.9%
20.	Refuse incinerated in tons, 5,044 (per cent.)	..	..	..	..	..	75.8%
	Refuse tipped in tons, 1,614 (per cent.)	..	..	..	..	..	24.2%
21.	Total number of loads	..	..	..	..	..	3,197

CLACTON URBAN DISTRICT COUNCIL.

CLEANSING SERVICE.

Street Cleansing.
Table showing Costs for the year ended 31st March, 1939.

		III—Street Cleansing.					
Item	Particulars.	Street Sweeping and Watering.		Gully Cleansing.		Snow Removal.	
		Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges	Including Depen. and Loan Charges	Excluding Depen. and Loan Charges
A.	REVENUE ACCOUNT						
B.	Gross Expenditure	1607 0 0	1607 0 0	90 0 0	90 0 0	306 0 0	306 0 0
	Gross Income	16 0 0	16 0 0	—	—	—	—
C.	Nett Cost	1591 0 0	1591 0 0	90 0 0	90 0 0	306 0 0	306 0 0
D.	UNIT COSTS						
	Nett Cost per 10,000 sq. yards cleansed	—	—	—	—	—	—
E.	Nett Cost per 1,000 gullies cleansed	63 12 9	63 12 9	23 0 0	23 0 0	—	—
F.	Nett Cost per 1,000 population	63 12 9	63 12 9	3 12 0	3 14 0	—	—
G.	RATE POUNDAGE						
	Nett Cost : Equivalent rate in the £	1.5d.	—	.09d.	—	.3d.	—

Total number of Gullies cleansed, 3928.

STREET CLEANSING.—Continued.

3.	Total mileage of streets cleansed	..	..	..	..	..	42
4.	Approx. mileage cleansed daily	..	..	..	..	..	5½
5.	Approx. mileage cleansed three times weekly	..	..	..	..	..	7
6.	Approx. mileage cleansed twice weekly	..	..	..	..	..	4
7.	Approx. mileage cleansed once weekly	..	..	..	..	..	16½
8.	Approx. mileage cleansed less than once weekly	..	..	..	..	..	9
9.	Average length of haul to point of disposal	..	..	..	..	..	1¾ miles

NOTE.—£500 is received from the Essex C.C. for scavenging and gully emptying the main County Roads.

PUBLIC CONVENIENCES.

				W.C.	Urinal Stalls.	Wash Basins
West Avenue, Gents	..	..		8	13	9
West Avenue, Ladies	..	..		16	—	4
Jetty, Gents ..	..	..		6	8	4
Jetty, Ladies	..	..		9	—	4
West Cliff, Gents	..	..		9	9	8
West Cliff, Ladies	..	..		8	—	5
Band Stand, Gents ..	..	..		5	8	3
Band Stand, Ladies	..	..		10	—	3
East Cliff, Gents	..	..		2	3	—
East Cliff, Ladies	..	..		4	—	—
Magdalen Green, Gents	..	..		2	3	—
Magdalen Green, Ladies	..	..		2	—	—
Marine, Gents	..	..		2	10	—
Marine, Ladies	..	..		3	—	1
Ship, Gents ..	..	..		2	5	—
Ship, Ladies ..	..	..		3	—	—
Holiday Home, Gents	..	..		4	7	4
Holiday Home, Ladies	..	..		7	—	4
				—	—	—
				102	66	49
Total income for year	..	..	..	..		£3,664
Total Expenses for year	..	..	..	..		£3,319
Surplus	..	..	..	..		£345

MATERNITY AND CHILD WELFARE.

INSPECTION OF MIDWIVES.—There are 7 midwives on the register, of whom 4 are employed by the District Nursing Association. The Local Supervising Authority under the Midwives' Act is the County Council.

NOTIFICATION OF BIRTHS.—The total number of births notified under the Notification of Births' Act during 1938 was 266, viz : 143 males, 123 females.

Notification was distributed as follows :

By Medical Practitioners	..	..	..	146
By Midwives	..	..	..	120

STILLBIRTHS.—Nine stillbirths were notified during the year, 7 by Medical Practitioners and 2 by midwives.

<i>No. of Pregnancy.</i>	<i>Causes given.</i>	<i>Full term.</i>	<i>Premature.</i>
7th	Toxaemia	1	—
1st	Difficult Labour	5	—
4th	Difficult Labour	—	1
1st	Not known	1	—
2nd	Difficult Labour (twin)	1	—

The following tables give a summary of the work undertaken by the District Nurses during 1938.

WARD CASES :

Midwifery	24
Maternity	8

DISTRICT CASES :

Midwifery	70
Maternity	36
Total	138

Number of Ante-Natal Visits	205
Attendances at Ante-Natal and Post-Natal Clinics ..	374
Attendances at Ante-Natal Classes	312

The District Nursing Association's Midwives attended 51.8 per cent. of the total cases of the year.

Maternity is divided up among the following :

Attended in Nursing Homes	122
Attended by Certified Nurses at home	144
Attended by Uncertified Nurses at home	—

ANALYSIS OF MIDWIFERY AND MATERNITY.

1.—DOMICILIARY :

Midwifery. Maternity.

(a) District Nursing Association	71	38
(b) Independent District Midwives	18	17
(c) Private trained Nurses	—	—
(d) Untrained Women	—	—

2.—MATERNITY HOMES AND HOSPITALS :

(a) Nursing Association's Home	19	13
(b) Ellisdene Nursing Home	—	57
(c) Harland Nursing Home	—	7
(d) Waltham Nursing Home	12	7
(e) Hospitals	—	7

Total	120	146
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From this table it will be seen that in 100 per cent. of the cases a trained nurse was employed.

HEALTH VISITING —The following is an abstract of the visits paid to the homes by the Health Visitor during the year 1938 :

To Expectant Mothers :	First Visits .. 62	Total Visits .. 121
To Infants under 1 year :	First Visits .. 222	Total Visits .. 1089
To Children 1-5 years :	Total Visits .. 2605	

SICKNESS.—The following is a list of the cases of sickness visited :

	<i>Under 1 year.</i>	<i>1-5 years.</i>	<i>Total.</i>
Chest Complaints	16	23	39
Diarrhoea	30	19	49
Chicken-pox	5	43	48
Measles	10	61	71
Whooping Cough	7	28	35
Tonsilitis	—	2	2
Tonsils and Adenoids	—	8	8
Abscess	1	3	4
Enlarged Glands	1	5	6
Skin Compliants	13	27	40
Pemphigus	2	—	2
Otitis, Mastoid	1	8	9
Burns and Scalds	2	6	8
Accidents	—	4	4
Conjunctivitis	4	3	7
Blepharitis	—	2	2
Refractions	2	18	20
Operations	9	16	25
Rickets	5	14	19
Flat Foot	—	13	13
Rheumatic Fever	—	1	1
Fits	2	3	5
Naevi	6	1	6

Altogether the Health Visitor paid 3,951 visits during 1938.

INFANT LIFE PROTECTION VISITING.

	<i>Private Homes.</i>	<i>Holiday Homes.</i>	<i>Children Resident.</i>	<i>Holiday.</i>
On Register beginning of year ..	12	1	6	6
Admitted to Register during year ..	6	—	8	23
Total ..	18	1	14	29
On Register end of year	12	—	6	—
Taken off : Living with Parents ..	—	—	6	20
„ Adopted	—	—	—	—
„ Returned to Institutions ..	—	—	2	1
„ Holiday Children ..	1	—	—	1
„ Left	2	1	—	7
„ Home given up ..	3	—	—	—
	18	1	14	29
1 Summer Holiday Home (2 London Nursery Schools) ..				74
Transfers from other districts for Summer Holidays ..	6			7
Number of Visits paid by Infant Life Protection Visitor during the year : Total				189.

ORTHOPAEDIC WORK.

On Register beginning of year	..	..	..	..	..	63	
Admitted to Register during the year	..	..	..	..	..	35	
						—	
		Total	..	..	..	98	
			<i>Under</i>	<i>1-5</i>			
DEFORMITIES :		<i>Mothers.</i>	<i>1 year.</i>	<i>years.</i>		<i>Total.</i>	
Club Foot	..	..	..	—	4	1	5
Knock Knee	..	..	..	—	—	32	32
Rickets	..	..	..	—	9	25	34
Flat Foot	..	..	..	—	—	17	17
Deformed toes, fingers and thumbs		2			1	—	3
Wry Neck	..	..	..	—	1	2	3
Spinal Curvature		..	..	—	—	1	1
Paralysis	..	..	..	—	—	2	2
Undiagnosed	..	..	..	—	—	1	1
		2			15	81	98

TREATMENT :

Hospital Treatment	—
Exercise, Manipulations, etc.	33
Supplied with Surgical Appliances	6
Supplied with boots and wedges	43
SUMMARY OF CASES :	
Still under treatment or observation	67
Transferred to School Clinic, 5 years	11
Discharged, Cured	5
Discharged—refused treatment	4
Discharged—Stationary	1
Transferred to other Districts	6
Left	4
Died	—
	98

ULTRA-VIOLET RAY WORK :—

Babies	..	..	..	..	..	..	..	—
Toddlers	..	..	..	..	..	..	..	37
School children	..	..	..	..	..	..	..	37
Mothers	..	..	..	..	..	..	..	5
								79

Diseases and Ailments treated :—

	<i>Adults</i>	<i>Mothers</i>	<i>Welfare Babies</i>	<i>Children Toddlers</i>	<i>School Children</i>	<i>Total</i>
Asthma	—	—	—	—	1	1
Anaemia	—	—	—	9	11	20
Chilblains ..	2	2	—	2	1	7
Debility, various causes	1	—	—	17	12	30
Glands	—	—	—	1	5	6
Rickets	—	—	—	6	—	6
Nerves	—	—	—	—	1	1
Malnutrition ..	—	—	—	1	—	1
Bronchitis ..	—	—	—	—	1	1
Rheumatism ..	—	—	—	—	1	1
Tonsils and Adenoids	—	—	—	—	—	—
Alopecia	—	—	—	—	1	1
						75

SUMMARY OF CASES :

Recommended never attended	..	..	..	..	4
Treatment stopped	..	..	..	..	21
Improved	..	..	..	..	15
Much Improved	..	..	..	..	13
Cured	..	..	..	..	9
Still on Register	..	..	..	..	17
					79

DENTAL WORK :—

	<i>Number Treated.</i>	<i>Completed</i>	<i>Uncom- pleted.</i>	<i>Ceased * attending Uncom- pleted.</i>	<i>Examined</i>
Expectant Mothers	.. 22	14	3	5	—
Mothers .. ..	.. 32	16	9	6	1
Toddlers .. ..	.. 19	11	3	—	5
Babies .. ..	.. 1	—	—	—	1
					7

PROVISION OF MILK :

The total amount of fresh milk supplied free, or at less than cost during 1938 was 5,100 pints, and Dried Milk 150 lbs. at a total cost of about £76 12s. The numbers who received milk were :—

Expectant Mothers	..	..	..	..	..	11
Nursing Mothers	..	..	..	..	..	21
Children under 1 year	..	..	..	..	..	19
Children 1-2 years	..	..	..	..	..	14
Children 2-5 years	..	..	..	..	..	5
Total	..	..	..	..	..	70

ANTE-NATAL WORK :

Expectant Mothers :—

On Register at beginning of year	..	..	..	50
Admitted to Register during year	..	..	..	191
Total	..	..	..	241

ANALYSIS OF ANTE-NATAL CASES :

Full Term, Live Births	..	..	..	..	..	146
Full Term, Still Births	..	..	..	..	..	7
Premature Live Births	..	..	..	..	..	6
Premature Still Births	..	..	..	..	..	1
Miscarriage	..	..	..	..	..	2
Spurious	..	..	..	..	..	2
Left the District	..	..	..	..	..	5
Transferred to Hospital	..	..	..	..	..	6
On Register at end of year	..	..	..	..	..	66
Total	..	..	..	..	..	241

ANALYSIS OF DEFECTS FOUND AT ANTE-NATAL CLINICS :

Abnormal Pelvic Measurements	..	..	..	..	6
Albuminuria and High Blood Pressure	..	..	..	..	35
Varicose Veins and Haemorrhoids	..	..	..	..	38
Discharges	..	..	..	..	8
Constipation	..	..	..	..	10
Dental Caries	..	..	..	..	51
Heart and Lung Conditions	..	..	..	..	4
Excessive Vomiting	..	..	..	..	2
Other Conditions	..	..	..	..	14

POST-NATAL WORK :

Admitted to Register during year	..	..	..	..	12
Post-Natal Attendances	..	..	..	..	18

CLINICS AND CLASSES HELD AT THE WELFARE CENTRE :

Ante-Natal Clinics	..	..	..	..	..	..	23
Ante-Natal Classes	..	..	..	..	..	..	26
Infant Clinics	..	..	..	..	..	..	48
Infant Weighings	..	..	..	..	..	..	48
Dental Clinics	..	..	..	..	..	..	15
Orthopaedic Clinics	..	..	..	..	..	..	3
Orthopaedic Classes	..	..	..	..	..	..	50
Eye Clinics	..	..	..	..	..	..	7
Sewing Classes	..	..	..	..	..	..	38
Ultra-Violet Ray Clinics	..	..	..	..	..	..	70
Total							328

ANALYSIS OF INFANT WELFARE CLINIC :

Infants under 1 year—Summary :

On Register beginning of year	151	Left the District	..	..	3
Admitted to Register during the year	176	Died	..	..	3
		Transferred other district	..		9
		Crossed off. Not attending			2
		Reached 1st birthday	..		191
		On Register at end of year	..		119
Total	327	Total	..	..	327

Infants 1-2 years Summary :

On Register beginning of year	109	Left the District	..	..	7
Admitted to Register during the year	10	Died	..	..	—
Transferred from under 1 year	119	Transferred other District	..		11
		Crossed off. Not attending			29
		Reached 2nd Birthday	..		68
		On Register end of year	..		123
Total	238	Total	..	..	238

Children 2-5 years — Summary :

On Register beginning of year	231	Left the District	..	..	21
Admitted to Register during the year	60	Died	..	..	—
Transferred from 1-2 years	68	Transferred other Districts	..		15
		Crossed off. Not Attending			43
		Reached School Age	..		61
		On Register end of year	..		219
Total	359	Total	..	..	359

ATTENDANCES TOTAL :—

Ante-Natal Clinics	..	..	..	..	..	374
Ante-Natal Classes	..	..	..	..	..	312
Infant Clinics	..	..	..	..	..	2758
Infant Weighings	..	..	..	..	..	2644
Dental Clinics	..	..	..	..	..	145
Orthopaedic Classes	..	..	..	..	..	261
Orthopaedic Clinics	..	..	..	..	..	42
Eye Clinics	..	..	..	..	..	14
Sewing Classes	..	..	..	..	..	513
Ultra-Violet Ray Clinics	..	..	..	..	..	1339
Consultation Morning Hour	..	..	..	..	..	991

Total 9393

Expectant Mothers	..	..	..	..	..	707
Mothers	..	..	..	..	..	825
Babies	..	..	..	..	..	3195
Children	..	..	..	..	..	3261
Odd Callers	..	..	..	..	..	702
Visitors	..	..	..	..	..	3
School Children	..	..	..	..	..	700

Total 9393

	1934	1935	1936	1937	1938
Expectant Mothers	910	809	706	768	707
Mothers	739	762	808	837	825
Babies	2711	3120	2763	3171	3195
Children	1976	3329	3363	3325	3261
Odd Callers	667	811	649	792	702
School Children	—	575	1115	895	700
Visitors	7	10	20	10	3
	7010	9416	9424	9798	9393

FOOD, ETC., SOLD AT COST PRICE DURING 1938 :

Dried Milk	..	..	..	..	..	1515 lbs.
Oil and Malt	..	..	..	..	..	168 lbs.
Parrishes Food	..	..	..	..	..	15 qt. Winchesters
Cod Liver Oil Emulsion	..	..	..	..	..	18 qt. Winchesters
Virol	..	..	..	..	..	320 lbs.
Maltoline	..	..	..	..	..	32 tins
Lactagol	..	..	..	..	..	46 large
"	..	..	..	..	..	10 small
Colact	..	..	..	..	..	36
Groats	..	..	..	..	..	39 large
"	..	..	..	..	..	27 small
Feeding Bottles	..	..	..	..	..	12
Maternity Outfits	..	..	..	..	..	98 and 1 free

I am,

Your Obedient Servant,

W. A. MILNE,

Medical Officer of Health.







